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(54) Title: METHOD AND SYSTEM FOR GROWING LARGER PRECIPITATED CALCIUM CARBONATE CRYSTALS

(57) Abstract: The present invention relates to methods of precipitating calcium carbonate (PCC) in a manner that can control the size and surface area of PCC. For example, the calcium carbonate crystals can be formed through the use of two or more doses of slaked lime slurry in the presence of a substrate. Alternatively, the PCC can be formed by combining one or more slaked lime slurry doses with preformed PCC. The invention also relates to a method of precipitating substantially discrete calcium carbonate and to a system for precipitating calcium carbonate.

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